

IN THE CLAIMS:

Please amend Claim 12, as follows.

1-11. (Withdrawn)

12. (Currently Amended) An optical scale having a reflecting portion for reflecting light emitted from a light-emitting portion of a sensor having the light-emitting portion and a light-receiving portion and returning the light to the light-receiving portion,

wherein a shaft holding portion of said optical scale, which holds a shaft for rotating said optical scale, and said reflecting portion are integrally molded in ~~a mold~~ one piece by using ~~a~~ one kind of transparent resin material, said reflecting portion is constructed ~~so as to~~ reflect an incident light ray by an internal total reflection, and said shaft holding portion and said reflecting portion are molded by molding portions arranged on a single surface side of the mold.

13. (Previously Presented) A scale according to claim 12, wherein said shaft holding portion has a closed-end concave portion fitted on the shaft for rotating said optical scale, and a gate for injecting the resin material during molding is disposed in the closed-end concave portion.

14. (Previously Presented) A scale according to claim 12, wherein said shaft holding portion has a convex portion to be fitted to the shaft for rotating said optical scale, and a gate for injecting the resin material during molding is disposed at the convex portion.

15. (Previously Presented) A scale according to claim 12, wherein said shaft holding portion is coupled to a bearing inner ring portion for rotatably holding said optical scale.

16. (Previously Presented) An optical encoder using said optical scale defined in claim 12, comprising:

a bearing for rotatably supporting said optical scale; and
a holding member for holding said bearing and said sensor.